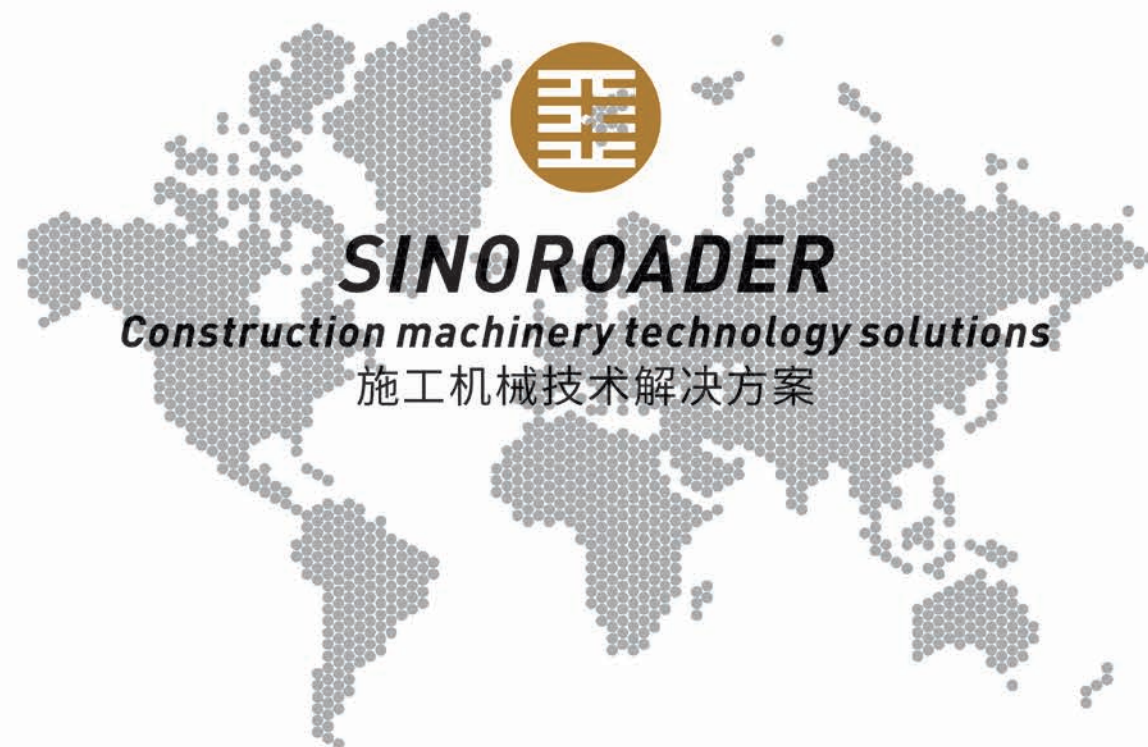




SINORoader PRODUCT SERIES

One-stop Solutions For Road Construction

国基重工
综合产品画册
道路建设一站式解决

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Industrial Park



Manufacturing Workshop



Authority Certification



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- 37P 稀浆封层车 / Micro-Surfacing Paver / Slurry Seal Truck
- 39P 同步碎石封层车 / Synchronous Chip Sealer



河南国基重工始终坚持创新技术与实际建设相结合。产品遍布全国30多个省份和海外美洲、非洲、亚洲、欧洲、大洋洲等地区30多个国家，广泛应用于新建道路功能层施工、养护工程等。我公司是一家为道路建设提供综合服务的公司，拥有优秀的设计团队和生产人员，依托道路养护设备国家工程实验室、中国道路工程研究院、河南省高等级养护工程研究院、西安市道路养护工程研究院的强大实力，先后开发推出了沥青搅拌站系列、沥青设备系列、道路养护设备系列等。

Henan Sinoroader always insists on the combination of technical innovation and practical constructions. Our products spread more than 30 provinces all over China and 30 countries overseas in Americas, Africa, Asia, Europe, Oceania and other regions, and are generally applied to functional layers constructions of newly built roads, maintenance projects, and so on. We are a company that provides integrated series for road construction, with an excellent design team and production personnel, relying on the strong strengths of National Engineering Lab for Road Maintenance Equipment, Sino-Belarus Road Engineering Institute, High Grade Maintenance Engineering Institute of Henan Province and Road Maintenance Engineering Institute of Xian City, We have been developing and releasing asphalt mixing plant series, bitumen plant series, road maintenance equipment series and so on.

History

24+

Development History

Business Market

80+

Countries Market

Funding

20 Million

Registered Capital

About us

关于我们

关于我们

河南国基重工是一家道路建设综合服务公司，公司坐落于河南省许昌市魏都区，工厂面积超过8万平方米。此外，国基重工还涉足道路建设与养护工程、路况评价、道路材料生产等多个行业。现有标准生产车间5个，涂装车间1个，各类生产、检测设备270余台。

Henan Sinoroader Heavy Industry Corporation is a company that provides integrated services for road construction, located in Xuchang City, Henan Province, with factory area over 80,000m². Besides, Sinoroader also steps into various industries including road construction and maintenance engineering, road condition evaluation, road materials production and so on. There are 5 standard production workshops and 1 paint finishing workshop with more than 270 units of various kinds of production and inspection equipment.





间歇式混合沥青装置(固定式) Batch Mix Asphalt Plant (stationary type)

Accurate Weighing

Convenient Operation

Modular Integration

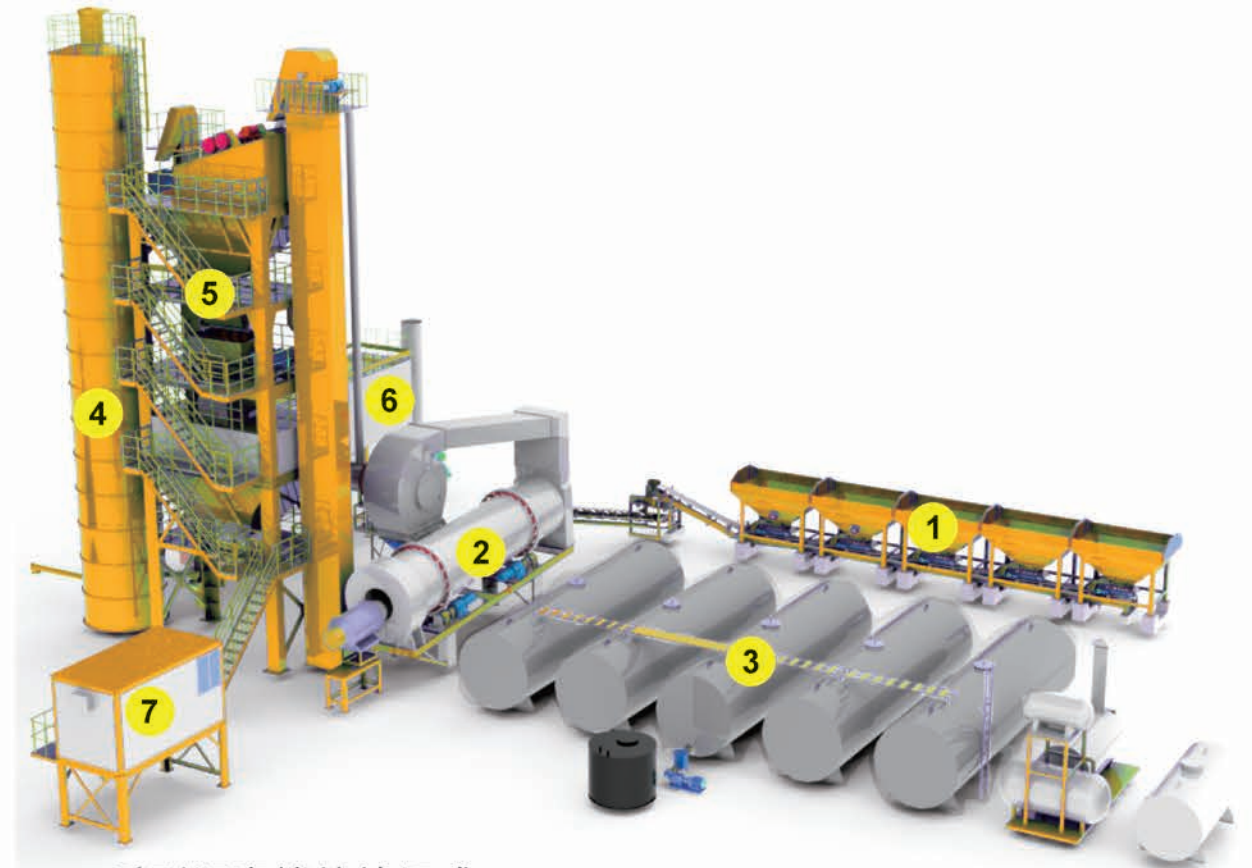
Easy Maintenance

间歇式混合沥青装置是批量生产沥青混凝土的成套设备,可生产沥青混合料、改性沥青混合料、彩色沥青混合料,是修建高速公路、等级公路、市政道路、机场、港口的必备设备。

Batch Mix Asphalt Plant is a complete set of equipment for mass production of asphalt concrete, available for producing asphalt mixture, modified asphalt mixture, color asphalt mixture, and necessary for building highways, grade highways, municipal roads, airports and ports.

技术参数 Technical Parameters

产品型号 Model No.	HMA-B700	HMA-B1000	HMA-B1500	HMA-B2000	HMA-B2500	HMA-B3000
滚筒尺寸:直径X长度 Drum Size: Diameter × Length	1.2m×5m	1.5m×6.6m	1.8m×8m	2.2m×9m	2.6m×9.5m	2.6m×9.5m
额定产量(最大含水量5%) Rated Capacity (5% water content at max.)	60t/h	80t/h	120t/h	160t/h	200t/h	240t/h
搅拌方式 Mixing Type	卧式双轴桨式螺旋搅拌装置 Horizontal Double Shaft Paddle Type Spiral Mixing Device					
燃油消耗率 Fuel Consumption	标况(轻油):6.5kg/t Standard(Light Oil):6.5kg/t					
除尘方式 Dust Removal	一级重力除尘+二级布袋除尘 Gravity Dust Collector + Bag Filter					
装机总功率 Installed Power	142.9KW	252KW	349KW	494.67KW	552KW	661.5+30KW



HMA-B系列沥青搅拌站组成: components

- | | | |
|---|---|---------------------------------------|
| 1. 冷骨料供给系统
1. Cold Feed System | 2. 干燥和加热系统
2. Drying and Burner System | 3. 沥青供给系统
3. Bitumen Supply System |
| 4. 粉料供给系统
4. Filler Supply System | 5. 拌合楼: 振动筛、热料仓、称量装置、搅拌机
5. Batch Mixing Tower: Screener, Hot Bin, Weighing, Batch Mixer | |
| 6. 布袋除尘系统
6. Baghouse Dust Collection System | 7. 控制系统
7. Central Control System | |



间歇式混合沥青装置(移动式) Batch Mix Asphalt Plant (mobile type)

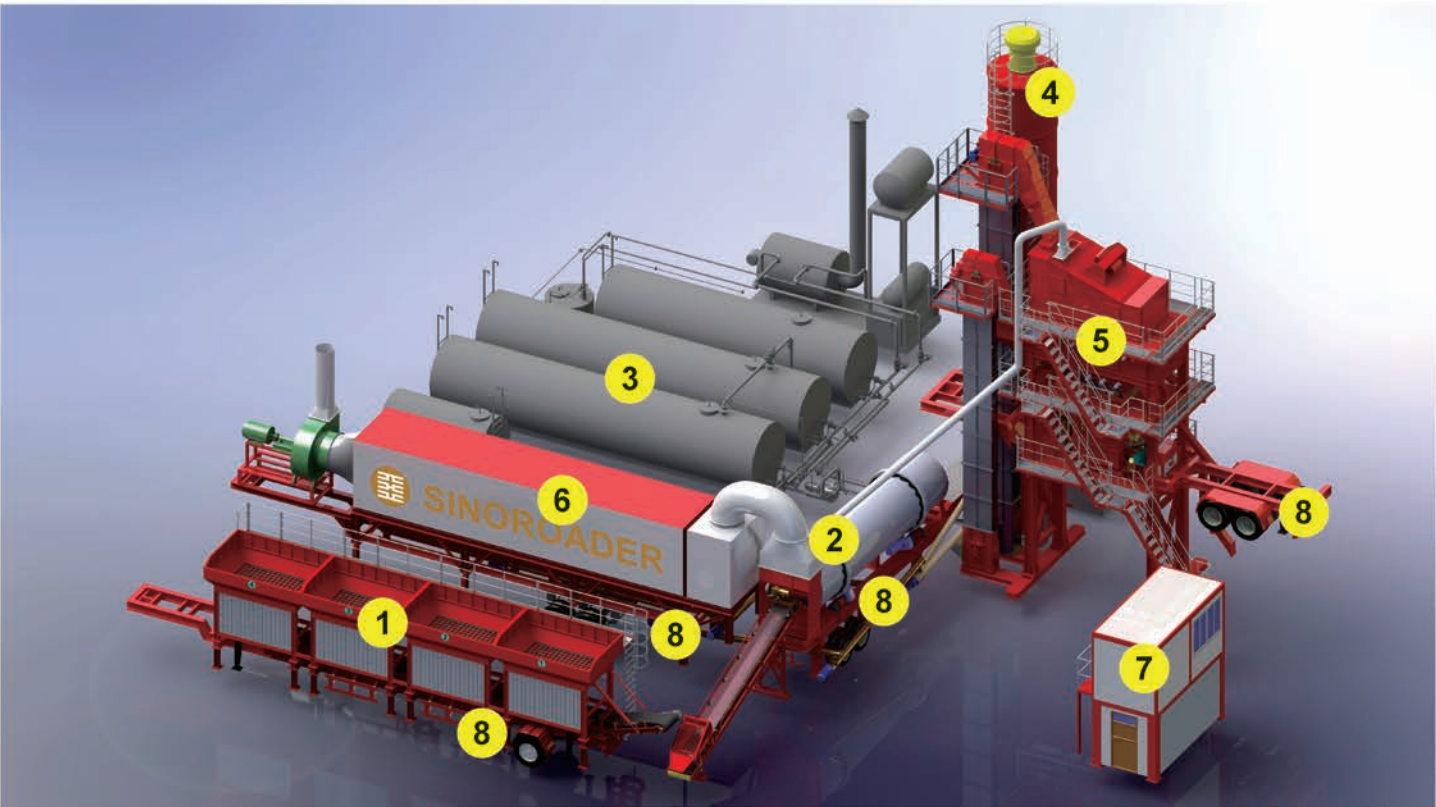
- Modular Structure
- Wide Application
- Easy of Operation
- Best-Selling

HMA-MB系列沥青搅拌站是根据市场需求自主开发的移动式间歇式搅拌站。整台设备的各功能部分为独立模块，配有行走底盘系统，拆卸后便于牵引车牵引搬迁。采用快速接电、无地基设计，安装方便，可快速投产。

HMA-MB serie asphalt plant is mobile type batch mix plant developed independently according to the market demand. Each functional part of whole plant is separate module, with travelling chassis system, which makes it easy to relocate being towed by tractor after being folded. Adopting quick power connection and ground-foundation-free design, the plant is easy to install and capable to start production rapidly.

技术参数 Technical Parameters

产品型号 Model No.	HMA-MB1000	HMA-MB1500	HMA-MB2000
滚筒尺寸:直径X长度 Drum Size: Diameter × Length	1.5m×6.6m	1.8m×8m	2.2m×9m
额定产量(最大含水量5%) Rated Capacity (5% water content at max.)	60t/h~80t/h	100t/h~120t/h	140t/h~160t/h
搅拌方式 Mixing Type	双卧轴式螺旋搅拌装置 Horizontal Double Shaft Paddle Type Spiral Mixing Device		
粉料、骨料、沥青计量准确度 Weighing Accuracy	±0.5% (静态计量); ±2.5% (动态计量) ±0.5% (static weighing); ±2.5% (dynamic weighing)		
燃料 Fuel	轻油/重油/天然气(可选) Light Oil/Heavy Oil/Natural Gas (optional)		
燃油消耗率 Fuel Consumption	标况(轻油): 6.5kg/t Standard (Light Oil): 6.5kg/t		



HMA-MB系列沥青搅拌站组成: components

1. 冷骨料供给系统
1. Cold Feed System
2. 干燥和加热系统
2. Drying and Burner System
3. 沥青供给系统
3. Bitumen Supply System
4. 粉料供给系统
4. Filler Supply System
5. 拌合楼: 振动筛、热料仓、称量装置、搅拌机
5. Batch Mixing Tower: Screener, Hot Bin, Weighing, Batch Mixer
6. 布袋除尘系统
6. Baghouse Dust Collection System
7. 控制系统
7. Central Control System
8. 移动式底盘
8. Mobile Chassis



MAP移动式沥青搅拌站(斜拉式) Mobile Asphalt Mixing Plant

Accurate Weighing

Convenient Operation

Modular Integration

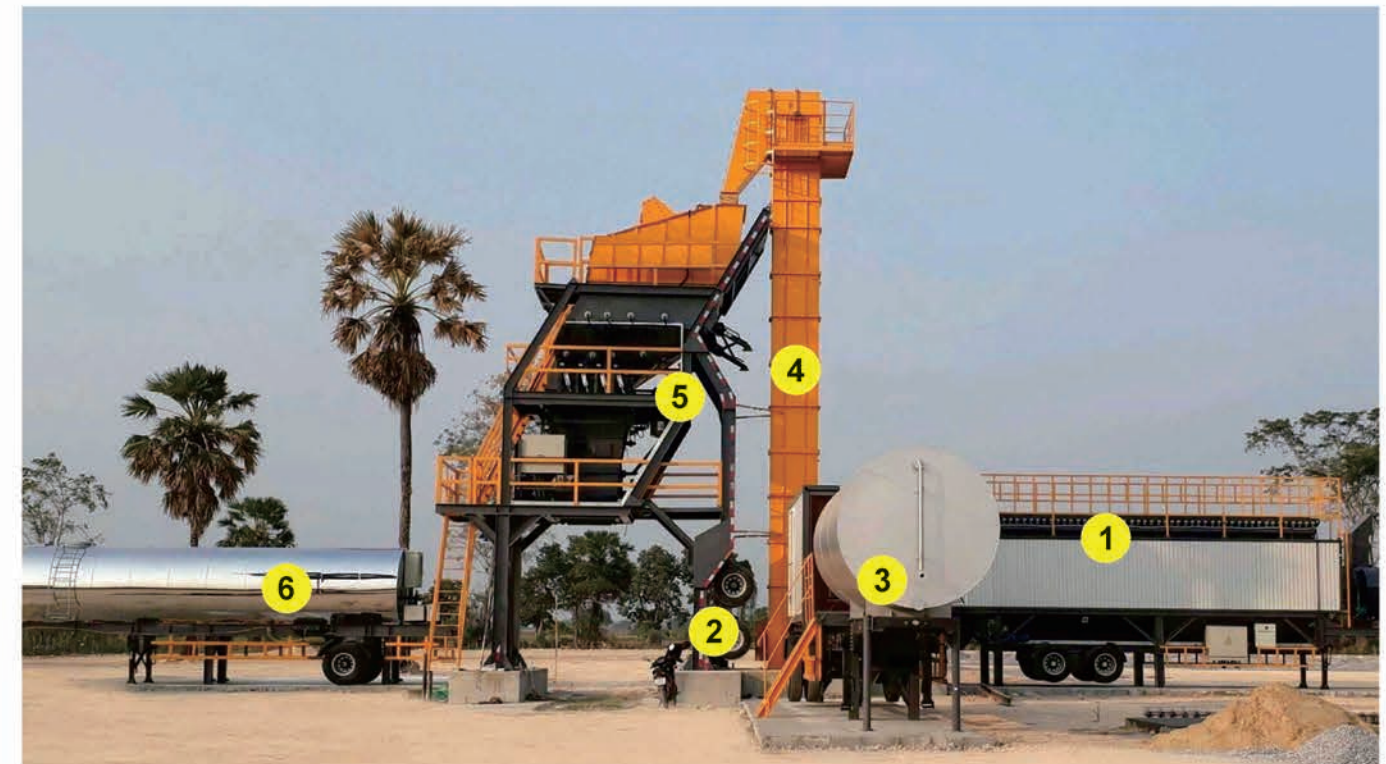
Easy Maintenance

移动式沥青搅拌站是一种用于道路建设或维修的设备，它能够将沥青与集料(如碎石、砂等)按照一定比例混合，生产出用于铺设路面的沥青混凝土。

Mobile asphalt mixing plant is a kind of equipment used for road construction or maintenance, which can mix asphalt with aggregates (such as gravel, sand, etc.) in accordance with a certain proportion to produce asphalt concrete for laying roads.

技术参数 Technical Parameters

产品型号 Model No.	MAP1000	MAP1300	MAP1500	MAP2000	Remarks
功率 Total power	215kw	235kw	340kw	430kw	2.6m×9.5m
产量 Capacity	80T/H	104T/H	120T/H	160t/h	5% moisture 5%水分
搅拌周期 Mixing period	45s				
冷料斗 Cold aggregate kinds	4		4 / 5		
燃料消耗量 Fuel consumption	≤6.5kg/T finished product				轻油/重油/燃气 Light/heavy oil/Gas
拌缸容量 Mixer Capacity	1000kg	1300kg	1500kg	2000kg	Rated 额定



MAP-系列沥青搅拌站组成： components

- | | | |
|---|--|--------------------------|
| 1. 布袋除尘系统
1. Baghouse Dust Collection System | 2. 干燥和加热系统
2. Drying and Burner System | 3. 柴油罐
3. Diesel tank |
| 4. 粉料供给系统
4. Filler Supply System | 5. 拌合楼：振动筛、热料仓、称量装置、搅拌机
5. Batch Mixing Tower: Screener, Hot Bin, Weighing, Batch Mixer | |
| 6. 沥青供给系统
6. Bitumen Supply System | | |



SMAP 间歇式混合沥青装置 SMAP Batch Mix Asphalt Plant

Modular Structure

Wide Application

Easy of Operation

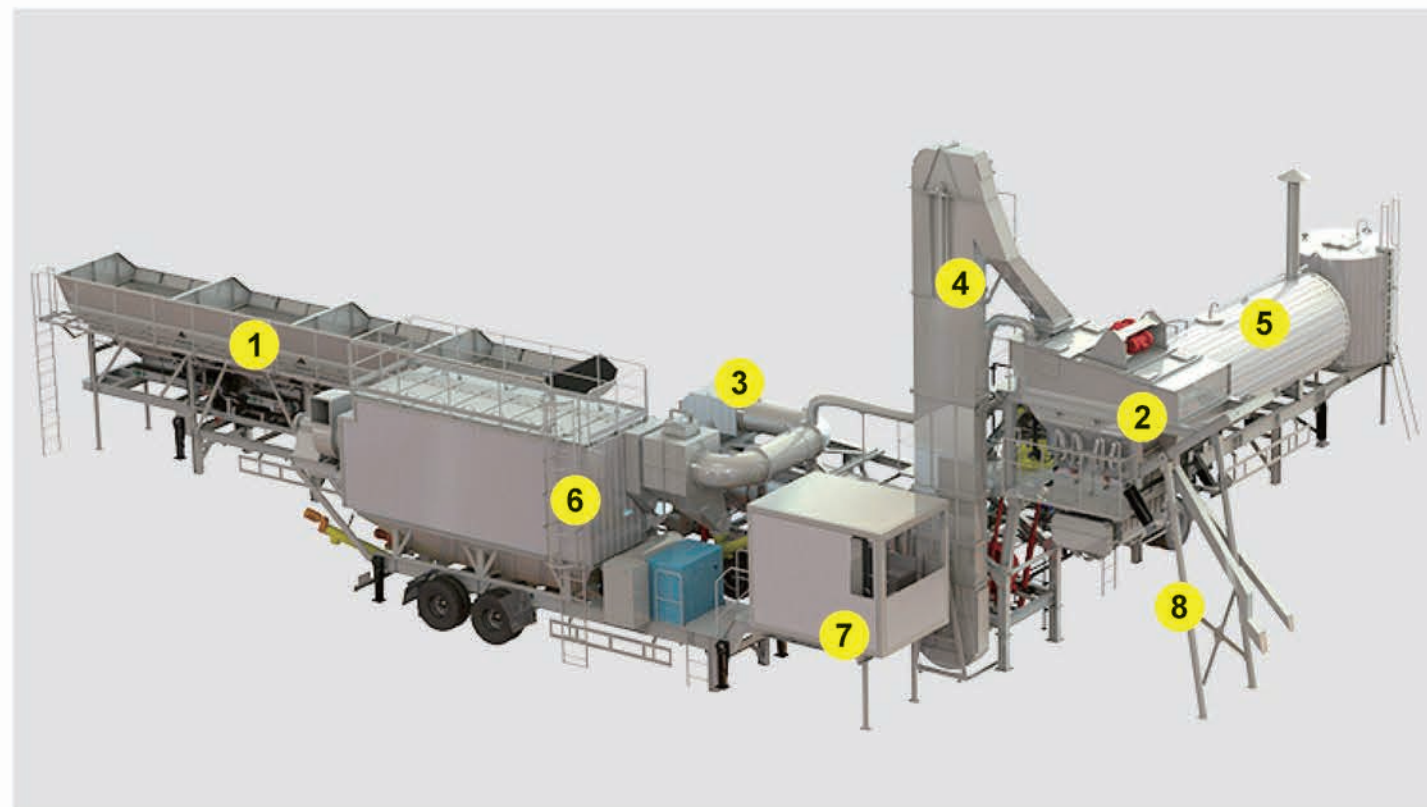
Best-Selling

斜拉式间歇沥青拌合站是一种特定类型的沥青混合料生产设备,它结合了斜拉结构和间歇式的操作模式。这种设备在设计上具有独特之处,以满足高效、高质量的沥青混合料生产需求。

The cable-stayed intermittent asphalt mixing plant is a specific type of asphalt mixture production equipment, which combines the cable-stayed structure and the intermittent operation mode. This equipment is unique in its design to meet the demand for efficient, high-quality asphalt mixture production.

技术参数 Technical Parameters

产品型号 Model No.	SMAP-40E	SMAP-60E	SMAP-90E
干燥产量 Drying capacity	30t/h~40t/h	50t/h~60t/h	90t/h~100t/h
产量 Capacity	30t/h~40t/h	50t/h~60t/h	80t/h~90t/h
搅拌方式 Mixing Type	双卧轴式螺旋搅拌装置 Horizontal Double Shaft Paddle Type Spiral Mixing Device		
容量 Mixer capacity	500kg	800kg	1000kg
燃料 Fuel	柴油、重油、液化天然气、液化石油气、煤炭 Diesel, Heavy Oil, LNG,LPG,coal		
除尘器 Dust collector	重力式集尘器 + 袋式除尘器 Gravity Dust Collector+ Bag Filter		



SMAP混合沥青装置组成: components

- | | | |
|---|---|---|
| 1. 冷骨料配给系统
1. Cold Feed System | 2. 拌合楼: 振动筛、热料仓、称量装置、搅拌机
2. Batch Mixing Tower: Screener, Hot Bin, Weighing, Batch Mixer | 5. 沥青供给提供系统
5. Bitumen Supply System |
| 3. 烟囱管道
3. Chimney pipe | 4. 热骨料提升机
4. Hot aggregate elevator | 8. 液压支架
8. Hydraulic support |
| 6. 布袋除尘系统
6. Baghouse Dust Collection System | 7. 控制系统
7. Central Control System | |



滚筒式沥青搅拌站 Drum Mix Asphalt Plant

Energy Saving And Efficiency Enhancing

Emission Reduction And Environment Friendly

Flow Metering Accurate And High Production Efficiency

滚筒式沥青搅拌站是一种生产热沥青混合料的装置，具有生产效率高、成本相对较低等诸多优点。
Synchronously the mixture is mixed and dried continuously in drum of drum mix asphalt plant, which is a kind of plant to produce hot asphalt mixture, and has many advantages, such as high production efficiency, relative low-cost, etc.

技术参数 Technical Parameters

产品型号 Model No.	HMA-D20	HMA-D40	HMA-D60	HMA-D80	HMA-D120
滚筒尺寸:直径X长度 Drum Size: Diameter × Length	1.0m×4.5m	1.2m×5.4m	1.5m×7m	1.5m×8m	1.8m×8m
额定产量(最大含水量5%) Rated Capacity (5% water content at max.)	20t/h	40t/h	60t/h	80t/h	120t/h
除尘系统 Dust Removal	二级水除尘(可根据用户选择二级布袋除尘) Secondary Water Dust Removal (Bag Dust Removal For Option)				
沥青加热方式 Asphalt Heating	直热式/导热油式 Direct Heating / Thermal Oil Heating				
搅拌方式 Mixing Type	滚筒式搅拌 Drum Mix				
总功率 Installed Power	60KW	90.5KW	117KW	153.5KW	200KW



HMA-D系列沥青搅拌站组成： components

1. 冷骨料配给系统
1. Cold Feed System
2. 干燥和加热系统与搅拌系统
2. Drying and Burner System&Mixing Drum
3. 控制系统
3. Central Control System
4. 提升系统
4. Aggregate Elevating System
5. 除尘系统
5. Dust Removal System



连续强制式沥青搅拌站 Continuous Mix Asphalt Plant

High Production Efficiency

Advanced Mixing System

Modular Unit Design

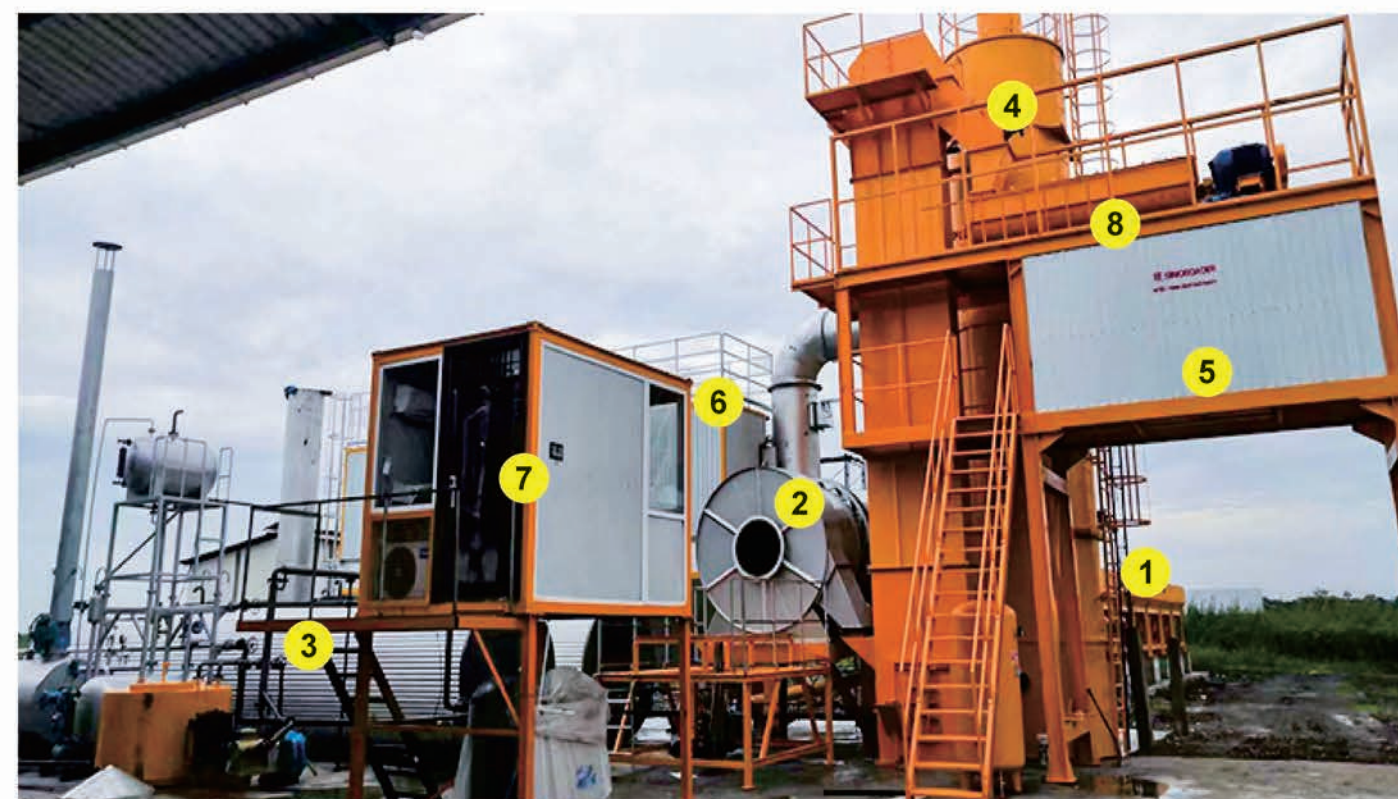
Highly Cost Effective

该连续式沥青拌合站为搅拌机强制拌合,并且具有简拌连续式的优点。该设备也可根据用户使用情况选配粉料供给系统,用于添加矿粉,具有适应性强和结构简单的特点。

This continuous mix asphalt plant belongs to forced mix plant, and has the advantages of continuous of drum mix plant. It is available to equip with optional filler feed system for adding powder material according to user's construction requirements, and featured with strong adaptability and simple structure.

技术参数 Technical Parameters

产品型号 Model No.	HMA-C40	HMA-C80	HMA-C120	HMA-C160
滚筒尺寸:直径X长度 Drum Size: Diameter × Length	1.2m×5.2m	1.5m×7m	1.8m×8m	2.2m×9m
额定产量(最大含水量5%) Rated Capacity (5% water content at max.)	40t/h	80t/h	120t/h	160t/h
除尘系统 Dust Removal	重力除尘+布袋除尘(可根据用户需求选择:旋风水膜除尘一体机) Gravity Dust Collector + Bag Filter (cyclone water film dust collector for option)			
燃料 Fuel	轻油/重油/天然气(可选) Light Oil/Heavy Oil/Natural Gas (optional)			
搅拌方式 Mixing Type	卧式双轴强制搅拌 Horizontal Double Shaft Forced Mix			
总功率 Installed Power	168KW	190KW	285KW	375KW



HMA-C系列沥青搅拌站组成: components

- | | | |
|--------------------------------------|---|---|
| 1. 冷骨料供给系统
1. Cold Feed System | 2. 干燥和加热系统
2. Drying and Burner System | 3. 沥青供给系统
3. Bitumen Supply System |
| 4. 粉料供给系统
4. Filler Supply System | 5. 成品料仓
5. finished product hopper | 6. 布袋除尘系统
6. Baghouse Dust Collection System |
| 7. 控制系统
7. Central Control System | 8. 搅拌系统
8. Mixing Drum | |



一体机沥青搅拌站 Asphalt Mixing Plant (tractor mobile)

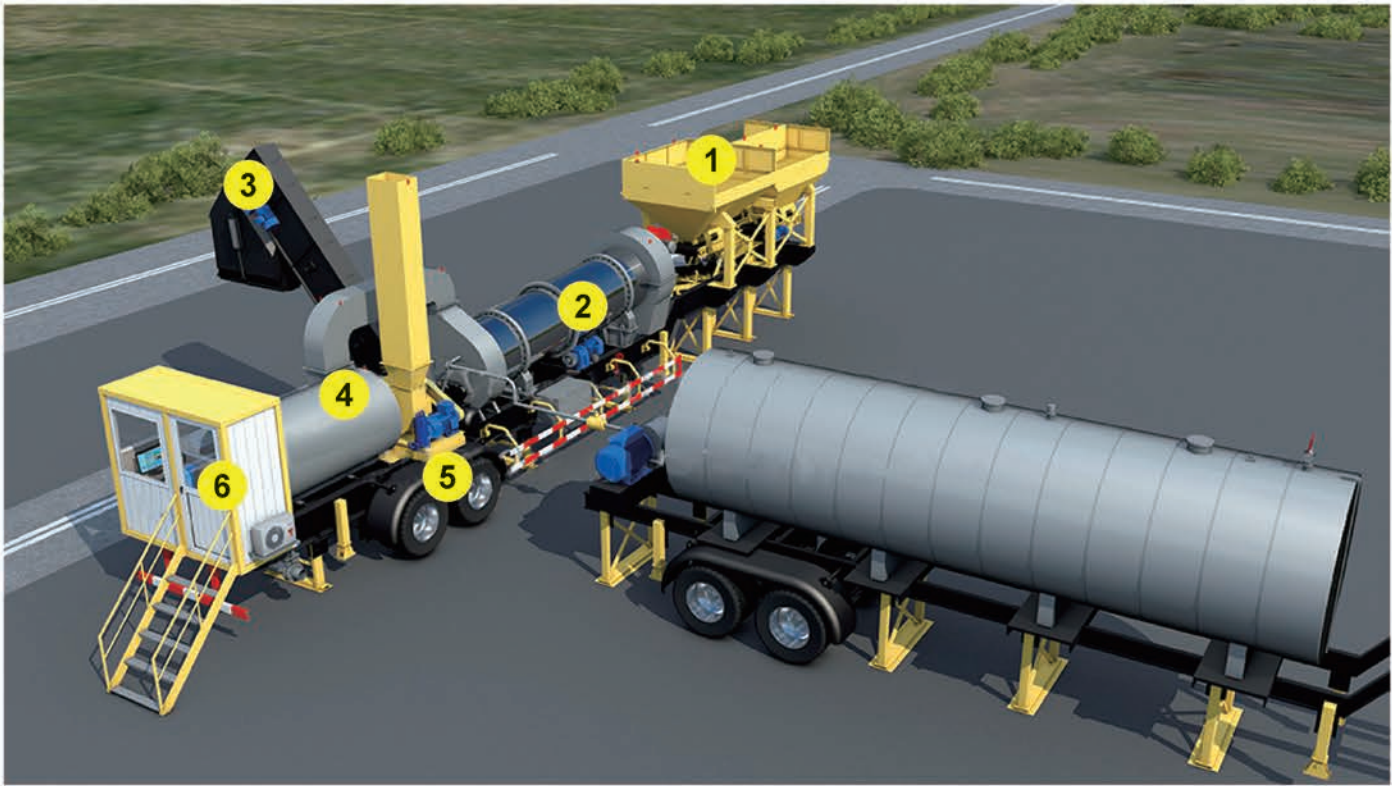
Full functional system Easy to relocate being towed by tractor Simple & convenient operation

HMA-TM系列沥青搅拌站是根据市场需求自主开发的移动连续式搅拌站。整台设备各功能部分为独立模块，配有行走底盘系统，折叠后便于牵引车牵引搬迁。采用快速接电、无地基设计，安装方便，可快速投产。

HMA-TM series asphalt plant is mobile type continuous mix plant developed independently according to the market demand. Each functional part of whole plant is separate module, with travelling chassis system, which makes it easy to relocate being towed by tractor after being folded. Adopting quick power connection and ground-foundation-free design, the plant is easy to install and capable to start production rapidly.

技术参数 Technical Parameters

产品型号 Model No.	HMA-TM40	HMA-TM60	HMA-TM120
滚筒尺寸:直径X长度 Drum Size: Diameter × Length	1.2m×5.4m	1.5m×7m	1.8m×9.9m
额定产量(最大含水量5%) Rated Capacity (5% water content at max.)	40t/h	60t/h	120t/h
除尘方式 Dust Removal	水膜除尘 Water Film Dust Removal		
沥青加热方式 Asphalt Heating	直热式/导热油式 Direct Heating / Thermal Oil Heating		
搅拌方式 Mixing Type	滚筒式搅拌 Drum Mix		
总功率 Installed Power	88.25KW	112.5KW	212.3KW



HMA-TM系列沥青搅拌站组成： components

- | | | |
|-----------------------------------|---|--------------------------------------|
| 1. 冷骨料配给系统
1. Cold Feed System | 2. 干燥和加热系统
2. Drying and Burner System | 3. 提升系统
3. Bucket Lifting System |
| 4. 除尘系统
4. Dust Removal System | 5. 移动式底盘
5. Mobile Chassis | 6. 控制系统
6. Central Control System |



Asphalt Mixing Plant
沥/青/搅/拌/站

热再生沥青装置 Recycled Asphalt Plant

Cost Saving Availability Upto 50%

Accurate Weighing

Convenient Operation

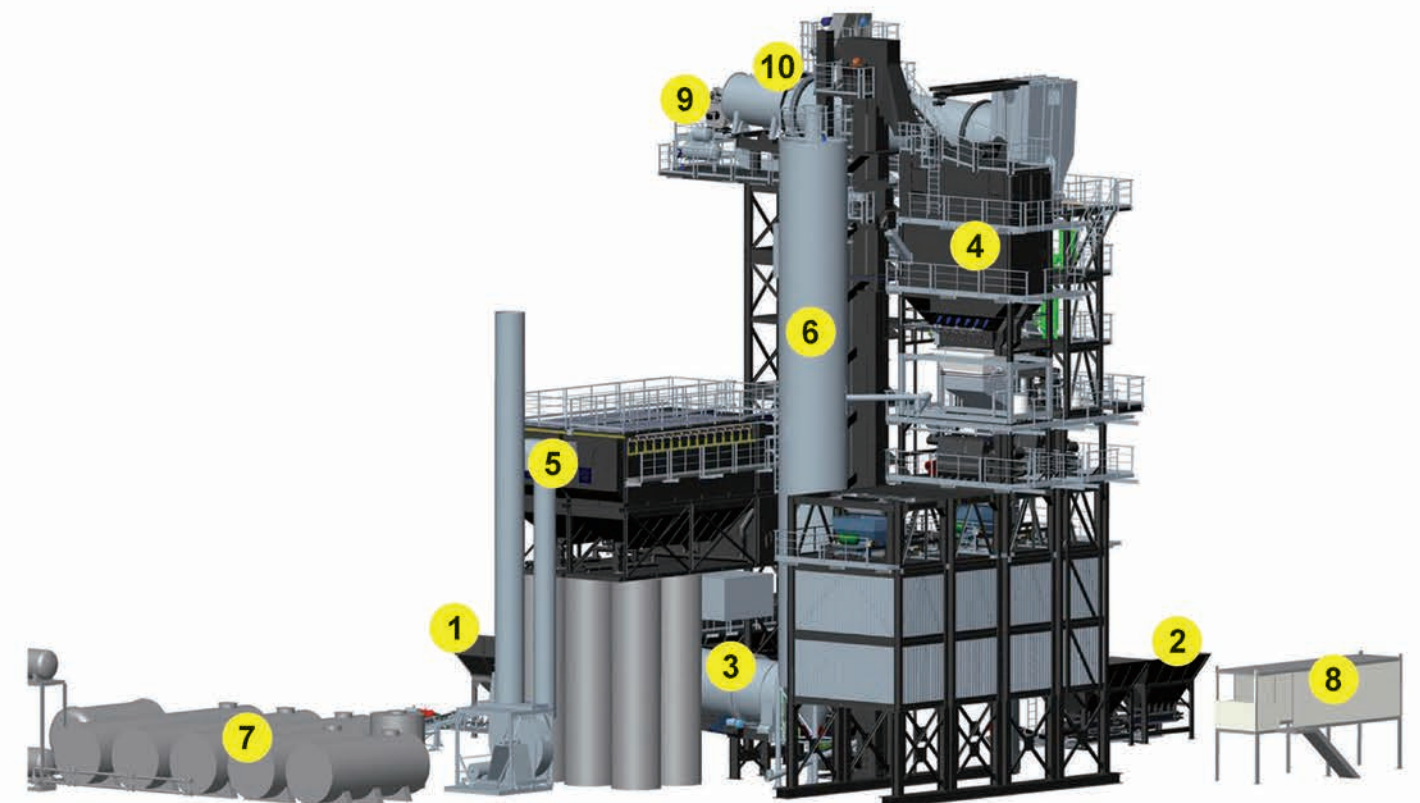
Modular Integration

热再生沥青装置是一款以厂拌热再生为主体的新型沥青搅拌站,该设备结构先进,可以实现优越的沥青混凝土再生功能。将失效沥青路面铣刨下来的旧沥青混合料进行处理。经过筛分、加热、存储、计量后,按不同配比加入各型号沥青搅拌站之搅拌机中,与搅拌器的原生料均匀混合,从而生产出优良的沥青混合料。

Recycled Asphalt Plant is a new type of asphalt mixing plant with advanced structure, mainly producing plant-mix hot recycling asphalt, which can achieve superior recycling of asphalt concrete. Milling and collecting waste asphalt mixture from fatigue failed asphalt pavement to process, after screening, heating, storing and measuring, feed it in the mixer of asphalt mixing plant according to different proportions, to mix evenly with the virgin materials to produce excellent asphalt mixture.

技术参数 Technical Parameters

产品型号 Model No.		RAP130+50	RAP160+60	RAP200+80	RAP240+120
产量 (t/h) Capacity(t/h)	原生 Virgin System	130	160	200	240
	再生 Recycled System	50	60	80	120
	一体 Integrated Plant	160	200	240	320
搅拌机额定容量 Mixer Rated Volume		2000kg	2500kg	3000kg	4000kg
燃料 Fuel		标配为重油(根据用户需求选择燃油燃气两用燃烧器) Heavy Oil (standard, oil/gas burner for option as request)			
功率 Power	原生 Virgin System	298KW	395KW	430KW	450KW
	再生 Recycled System	195KW	220KW	255KW	325KW
	总体 Installed Power	493KW	615KW	685KW	775KW



RAP系列沥青搅拌站组成: components

- | | | | |
|---|--|---|------------------------------|
| 1. 原生冷料供给系统
1. Virgin Cold Aggregate Feed System | 2. 再生冷料供给系统
2. Recycled Cold Material Feed System | 3. 干燥和加热系统
3. Drying and Burner System | 4. 拌和楼
4. Mixing tower |
| 5. 除尘系统
5. Dust Removal System | 6. 粉料供给系统
6. Filler Feed System | 7. 沥青供给系统
7. Bitumen Supply System | 8. 控制系统
8. Control System |
| 9. 再生燃烧系统
9. Recycled Material Burning System | 10. 再生滚筒
10. Recycled Material Drying System | | |



小型沥青搅拌机 Portable Asphalt Mixer

小型沥青搅拌机是一种便携式的道路建设和维护设备，它能够在不同地点之间快速迁移，适用于小型至中型的沥青混合料的加热、搅拌和再生工作。这种搅拌机通常由一个独立的动力单元（如柴油发动机）提供动力，并通过牵引装置连接到车辆或专用的拖拉机上，以便在工地之间移动。

The portable mixer is a portable road construction and maintenance device that can be quickly moved from location to location for the heating, mixing and regeneration of small to medium sized asphalt mixes. Such mixers are typically powered by an independent power unit, such as a diesel engine, and are attached to a vehicle or dedicated tractor via a traction device to move between sites.

特点及优势 Features and Benefits

沥青出口温度精准 Compact structure for easy transfer

小型沥青搅拌机通常采用拖挂式底盘，使得机器能够轻松移动到不同的工作地点，适合在多变的施工环境中转场

Portable mixers usually use a trailed chassis, which allows the machine to be easily moved to different work locations and is suitable for transfer in variable construction environments

称量准确 HIGH WEIGHING ACCURACY

小型沥青搅拌机能够准确计量沥青和骨料，保证混合料的质量和一致性

The Portable mixer can accurately measure asphalt and aggregate to ensure the quality and consistency of the mixture



独立发电系统 INDEPENDENT POWER GENERATION SYSTEM

为了适应无外部电源的野外作业条件，牵引式沥青搅拌机通常配备有电启动柴油发电机组，确保机器可以在任何地方独立运行

In order to adapt to field working conditions without an external power source, traction asphalt mixers are usually equipped with electric starting diesel generators, ensuring that the machine can operate independently anywhere

高效加热搅拌系统 EFFICIENT HEATING AND MIXING SYSTEM

搅拌机内部设计有保温层，减少热量损失，同时采用燃烧器将热量传递给沥青混合料，确保快速均匀加热。内部叶片通常设计为螺旋状排列，以提高搅拌效率

The mixer is designed with an internal insulation layer to reduce heat loss, while a burner is used to transfer heat to the asphalt mixture to ensure rapid and uniform heating. The inner blades are usually designed to be arranged in a spiral shape to improve mixing efficiency

控制系统 CONTROL SYSTEM

温度、流量、压力、称重仪表均采用国际品牌，大大增加了仪表的计量精度和可靠性。

In order to reduce the dust pollution of the construction site, the mixer is equipped with a dust removal system to improve the working environment

经济实用 CONVENIENT TRANSPORTATION

小型沥青搅拌机的设计简洁，机械传动件少，使用方便，维护成本相对较低

The portable mixer has the advantages of simple design, fewer mechanical transmission parts, convenient use and relatively low maintenance cost



技术参数

Technical Parameters

类型 Type	上装式沥青搅拌机 Modular type	牵引式沥青搅拌机 Trailer-type	自行式沥青搅拌机 Self-propelled type
出料温度 Discharge temperature	130-170°C(adjustable)	130-170°C(adjustable)	160-220°C(adjustable)
发电机功率 Generator power	30kw/TFS-30	30kw/TFS-30	30KW
柴油机功率 Diesel engine power	30.1KW/K4100D	30.1KW/K4100D	70KW
上料斗容积m³ Elevating hopper volume	0.2 (350kg)	0.2 (350kg)	/
沥青罐容积/L Asphalt tank volume	800	800	500
导热油容积/L Heat transfer oil volume	200	200	100
尺寸/M Size	6*2.1*2.65	6*2.1*2.65	
拌合机配置 Mixing machine configuration	底盘、牵引架、发电机组、热熔釜、双风机、除尘器、大燃烧器、小燃烧器、沥青操作箱、油箱、水箱、仓壁振动器、气泵清渣设备、自动上料斗、上料架、检查爬梯 Chassis, traction frame, generator set, hot melt kettle, double fan, dust collector, large burner, small burner, asphalt operating box, oil tank, water tank, Bin wall vibrator, air pump slag cleaning equipment, automatic hopper, loading rack, inspection ladder		



聚合物沥青改性装置 Polymer Modified Bitumen Plant

聚合物改性沥青装置是一种沥青深加工机械, 通过将添加剂(也称为改性剂, 如树脂、高分子聚合物或其他填料等)与沥青按规定的比例称重后, 再磨成小颗粒, 使改性剂充分分散到沥青中, 从而改善沥青或沥青混合料的物理性能。

Polymer Modified Bitumen Plant is a kind of bitumen deep processing machinery, which can improve the physical property of bitumen or bituminous mixture, through the way of blending additives, also called modifying agents, such as resin, high molecular polymer or other filler, etc. together with bitumen after weighing according to given proportion, and then milling them to be small particles so that modifying agents disperse into bitumen sufficiently.

特点及优势 Features and Benefits

沥青出口温度精准 PRECISE OUTLET TEMPERATURE

沥青快速加热器全自动温控系统, 可以保证沥青出口温度。
Automated temperature control system of bitumen rapid heater ensures precise bitumen outlet temperature.

称量准确 HIGH WEIGHING ACCURACY

改性剂掺配采用静态称重法, 称量更准确。
Static weighing of additives blending with high weighing accuracy.



效率高 HIGH PRODUCTION EFFICIENCY

胶粉和沥青动态连续掺配, 生产效率高效。
Dynamic and continuous mixing of rubber powder and bitumen has high production efficiency.

自动化程度高 HIGH DEGREE OF AUTOMATION

全自动操作系统和手动操作系统冗余配置、化工设备设计理念、可24小时运转。不仅改善了工人的工作环境, 而且杜绝了工艺操作的随意性, 从而确保改性沥青质量和稳定性。
The plant applies redundant configuration of automated and manual operating system, and chemical equipment design concept, and can operate 24 hours a day. Not only it improves workers' working environment, but also eliminates random process operating, so as to ensure the quality and stability of emulsified bitumen.

成品质量可靠 RELIABLE OUTPUT QUALITY

温度、流量、压力、称重仪表均采用国际品牌, 大大增加了仪表的计量精度和可靠性。
All of the temperature meter, flowmeter, pressure meter, and weighing meter are of international famous brand to ensure the metering accuracy and reliability.

运输方便 CONVENIENT TRANSPORTATION

设备采用集装箱式安装, 运输、转场灵活、方便。
Container structure brings great flexibility and convenience to installation, transportation and relocation.



技术参数 Technical Parameters

聚合物改性沥青设备 Polymer Modified Bitumen Plant		橡胶改性沥青设备 Rubber Modified Bitumen Plant	
项目 Item	参数 Data	项目 Item	参数 Data
换热面积 Heat Exchange Area	100-150m ²	换热面积 Heat Exchange Area	100-150m ²
调配罐 Mixing Tank	15m ³	调配罐 Mixing Tank	2m ³
磨机功率 Mill Power	75-150KW	磨机功率 Mill Power	75-150KW
产能 Capacity	10-25t/h	产能 Capacity	8-12t/h
改性剂添加比例 Additives Proportion	≤10%	胶粉添加比例 Additives Proportion	15%-25%
研磨细度 Fineness	≤5μm	研磨细度 Fineness	≤5μm
计量方式 Weighing by	称重, 流量计量 Weighing Device, Flowmeter	计量方式 Weighing by	称重, 流量计量 Weighing Device, Flowmeter
操控方式 Operation	全自动 Automated	操控方式 Operation	全自动 Automated



Bitumen Plant Series

沥/青/系/列/设/备



乳化沥青设备 Bitumen Emulsion Plant

乳化沥青设备主要是应用于透层、粘层、封层等喷洒型乳化沥青的生产，设备本质是指将沥青热融，并使沥青以细小的微粒分散于水中形成乳状液。该设备主要是由控制部分、核心部件乳化机、计量部分、工艺管线以及乳化剂稀释罐和乳化剂稀释泵等部分组成。

The Bitumen Emulsion Plant is mainly used for the production of sprayable emulsified bitumen applied in pavement of prime coat, tack coat, and seal coat, etc. The essence of this plant is to melt bitumen and disperse bitumen in fine particles into water to be some kind of emulsion. It mainly consists of control system, core emulsifying machine components, measuring system, process pipelines, emulsifier dilution tank and pump, etc.

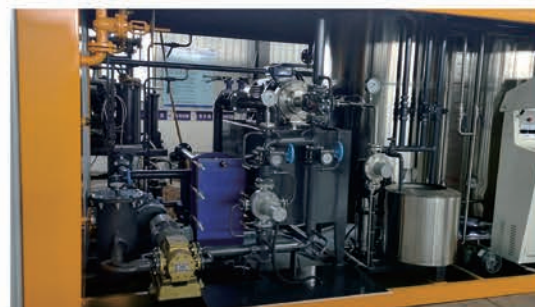
特点及优势 Features and Benefits

生产效率高 HIGH PRODUCTION EFFICIENCY

化工理念设计，水加热速度与产量匹配，可连续化生产。
Following chemical design concepts, water heating rate matches with output, capable of continuous production.

成品质量有保证 FINISHED PRODUCT ASSURANCE

沥青、乳液双流量计精确调节配比，固含量精确可控。
With bitumen and emulsion double flowmeters to control proportion precisely, the solid content is precise and controllable.



适应性强 STRONG ADAPTIVENESS

设备是根据集装箱尺寸进行设计，便于标准化运输，并且自成一體，移动安装方便，能适应不同的现场条件，满足使用要求。
Whole plant is designed in container size, and convenient for transportation. Benefited from the integrated structure, it is flexible to be relocated and installed at different site condition while meeting working demand.

性能稳定 PERFORMANCE STABILITY

各种泵、磨、流量计均采用国内知名品牌产品，性能可靠，测量精准。
Pumps, colloid mill and flowmeters are all of famous brand, with stable performance and measuring precision.

运行可靠 OPERATION RELIABILITY

沥青、乳液双流量计精确测量，采用PLC实时双变频调节，消除人为因素干扰带来的不确定性。Adopting PLC real-time dual frequency converter to adjust flowmeters, eliminate the instability caused by human factor.

设备质量有保证 EQUIPMENT QUALITY ASSURANCE

乳液过流部件均采用316材质不锈钢，设备在加酸低PH值工况下，依然能够用10年以上。
All emulsion flow passage components are made of SUS316, which make it capable to work over 10 years even with acid addition in at low PH value.



技术参数

Technical Parameters

产品型号 Model No.	BE08	BE10
生产力 Capacity (t/h)	6-8	8-10
水罐 Water Tank (m³)	3	5
沥青罐 Bitumen Tank (m³)	3	5
乳液罐 Emulsion Tank (m³)	2.4	3.6
磨机功率 Mill Power (kw)	18.5	22
产品固含量 Solid Content	≤60%	≤65%
加热方式 Heating By	导热油/燃烧器 Thermal Oil/Burner	



沥青脱桶装置 Bitumen Decanter

沥青脱桶装置是一种将加热后的沥青从桶或大袋中转移到储罐中的设备。它由输送装置、熔化系统、加热系统、沥青泵及管道系统、保温装置等组成。主要提供三种型号的沥青脱桶设备，沥青桶脱桶装置，沥青脱袋装置，沥青脱桶袋一体装置，也可以接受客户的需求进行定制化服务。

The Bitumen Decanting Machine is a kind of equipment to transfer heated bitumen from drum or jumbo bag into storage tank. It consists of delivering system, melting system, heating system, bitumen pump and pipeline system, thermal keeping system, etc. Sinoroad mainly supply 3 types decanting machine, bitumen drum decanter, bitumen bag decanter, bitumen drum & bag decanter, we can also accept customized requirements.

特点及优势 Features and Benefits

液压翻转装置 HYDRAULIC FLIP-OVER DEVICE

液压机能够快速翻转沥青桶，并把沥青桶推进内腔，节省人力和时间成本。
Flip drum over and propel into chamber rapidly by hydraulic mechanism, saving manpower and time costs.

封闭式结构, 节能 ENCLOSED STRUCTURE, ENERGY SAVING

箱体采用循环空气加热器和封闭式加热，节能高效。
The chamber adopts circulating air heater and enclosed heating with efficient energy saving.



模块化 MODULAR DESIGN

结构紧凑，搬迁方便，安装快捷。
Compact structure is convenient for relocation, and quick installation.

沥青内循环 BITUMEN INTERNAL CIRCULATION

箱内沥青内循环系统对循环加热、脱水和防止沥青老化有较好的作用。
Bitumen internal circulation system in chamber is better for circulated heating, dehydration and preventing bitumen ageing.

操作便捷 EASY OPERATION

操作简便，操作人员经过简单培训即可使用。
Easy operation available for operator after simple training.

大容量 HIGH CAPACITY

滚筒进料双进料轨迹设计，产量大。
Double feed-track design for drums' entering makes production large.



技术参数

Technical Parameters

产品型号 Model No.	DT-6	BD-36D	BD-40E	DT-12
容量 Capacity (t/h)	4-6	6-8	8-10	12-15
桶/袋 Drum/Bag nos	0/6	2x18/0	2x20/0	3x20/0
沥青池 Bitumen pool (m³)	12	15	17	22
加热方式 Heating By	导热油/燃烧器 Thermal oil/Burner			
桶/袋进入方式 Drum/Bag Entering	电动推进 Electric Cylinder Propulsion	液压推进 Hydraulic Propulsion		
功率 Power	14	18.5	20	25
大小 Size (m)	8x2.25x2.45	10x2.25x2.45	11.5x2.25x2.45	11.5x3x2.45



吨袋沥青脱袋 Ton Bag Bitumen Melting Machine

随着公路建设的迅速发展,沥青需求量的增加或者高品质沥青的引入,吨袋沥青成为继液体槽车运输后又一主要包装形式。该设备具有搬迁方便、融化速度快、操作人员少等特点。

With the rapid development of highway construction, the increase in bitumen demand or the introduction of high-quality bitumen, ton bags of bitumen have become another major packaging form after liquid tanker transportation. The equipment has the characteristics of easy relocation, fast melting speed and few operators.

特点及优势 Features and Benefits

技术领先 LEAD-EDGE TECHNOLOGY

提高工作效率并减少人工干预,吨袋沥青脱袋系统通常配备了自动化控制系统,可以实现自动开袋、卸料、封闭等操作。
To improve work efficiency and reduce manual intervention, the tonnage bag asphalt bagging system is usually equipped with an automated control system, which can realize automatic bag opening, unloading, sealing and other operations.

安全 SAFETY & SECURITY

配备多种安全防护措施,确保操作人员的安全;同时,在设计上也考虑到了防止烫伤等因素。
Equipped with a variety of safety protection measures to ensure the safety of operators; At the same time, the design also takes into account the prevention of burns and other factors.



控温 PRECISE TEMPERATURE CONTROL

系统配备有精准的温度控制系统,能够根据沥青的特性调节适宜的工作温度,保证物料流动性的同时避免过热造成的浪费或安全隐患。
The system is equipped with a precise temperature control system, which can adjust the appropriate working temperature according to the characteristics of the asphalt, ensure the flow of the material while avoiding waste or safety hazards caused by overheating.

环保 ENVIRONMENT FRIENDLY

考虑到沥青加热过程中可能产生的挥发物及气味问题,部分产品会集成废气处理装置,如过滤器或吸附装置,以减少对环境的影响。
In view of the volatiles and odors that may arise during the asphalt heating process, some products integrate exhaust gas treatment devices, such as filters or adsorption devices, to reduce the environmental impact.

维护简便 EASY MAINTENANCE

设备结构设计合理,便于日常清洁和定期维护,特别是对于接触沥青的部分,采用易拆卸、易清洗的设计,降低维护成本。
Equipment structure design is reasonable, easy to daily cleaning and regular maintenance, especially for the part in contact with asphalt, easy to disassemble, easy to clean design, reduce maintenance costs.



技术参数 Technical Parameters

产品型号 Model	参数 Parameters
生产率 Capacity	4-10T/h
沥青温度 Bitumen temperature	120°C above
沥青储存能力 Bitumen storage capacity	45ton above
吊装能力 Hoisting capacity	2T*2
主仓外形尺寸 Main heating warehouse size	16*2.25*7m

副仓外形尺寸 Sub-heating chamber size 11.8*2.25*2m



Bitumen Plant Series

沥/青/系/列/设/备



沥青罐

Bitumen Storage Tank

沥青罐是"内热型局部快速沥青储存加热器装置"系列,是国内最先进的快热、节能、环保为一体的沥青设备,产品中的直热式便移动设备,产品不仅加热速度快、省燃料、而且不污染环境,操作简便轻松。

The bitumen storage tank is out of internal heating type local rapid bitumen storage & heater device series, and is the directly-heated type mobile equipment of the domestic most advanced bitumen equipment combined the features of rapid heating, energy saving and environmental-friendly. Not only rapid heating and fuel-efficient, but it is also environmental-friendly and simple to operate.

特点及优势 Features and Benefits

技术领先 LEAD-EDGE TECHNOLOGY

结合传统导热油加温设备特点,采用独立的多回路布置方式,加温速度显著提高,根据客户要求增加快速取油器,1小时内即可提取高温沥青。

Combined with the characteristics of traditional thermal oil heating equipment, the independent multi-circuit layout is used in the bitumen storage tank, which increases the heating rate significantly. To add bitumen quick extractor according to user's demand, which can extract high temperature bitumen within 1 hour.

安全 SAFETY & SECURITY

导热油温度、沥青温度又温度显示仪控制加温热源,使用安全。

The temperature of thermal oil and bitumen is controlled by temperature controller through adjusting the heat source, maintaining safety in use.



快捷 RAPID PREHEATING

独立预热循环系统,由导热油载热预热沥青管道。

Independent preheating and circulating system, thermal oil preheats whole bitumen pipelines rapidly.

保温 EXCELLENT HEAT PRESERVATION

采用高容重岩棉,减少热损失。

Adopting high bulk weight rock wool for thermal insulation to reduce thermal losses.

环保 ENVIRONMENT FRIENDLY

燃烧器选用国际大品牌,性能稳定,燃烧充分,热效率高,符合环保要求。

The burner is of international top brand, with stable performance, sufficient burning, high thermal efficiency, and environmental compliance.

控制便捷 SIMPLE & CONVENIENT CONTROL

产品工作可远程操作控制,可本地现场控制,电气元件均采用一线正品。

The operation is available to remote control, and local on-site control. And all electric components are of famous brand genuine product.



技术参数

Technical Parameters

产品型号 Model	导热油式沥青罐 Thermal Oil Heating Type	燃烧器热风式沥青罐 Burner Heating Type
容积 (接受定制) Volume (customizable)	10-60m³	
换热面积 Heat Exchange Area	1.5m²/t	
保温岩棉厚度 Thickness Of Thermal Insulation	5-10cm	
保温系数 Insulation Coefficient	10°C/24h	
加热结构 Heating Structure	内部导热油盘管接通外部加热源 External Heating Source Connecting With Internal Thermal Oil Coil Pipe	燃烧器、导热盘管一体式 Integration Of Burner And Thermal Oil coil Pipe
罐体 Tank	卧式罐体, 管道底部盘布 Horizontal Tank With Bottom Pipes	
控制方式 Control Type	本地控制/远程控制 Local Control / Remote control	



半挂车沥青运输车 Semi-Trailer Bitumen Transport Tanker

沥青运输车用于液态沥青的长、中、短途运输。采用自动点火柴油燃烧器加热、保温。另外也用于沥青路面的贯入式和沥青表面处治施工中喷结合料，也可用于高级路面中的厂拌黑色碎石路面加铺表面处治层。沥青运输车可以设计成带自卸功能的，倾斜角度不大于17度，卸沥青方便快捷，进口加热器带鼓风作用，加热效果好，保温效果好。

Bitumen transport tanker is used for the long, medium and short -distance transportation of liquid bitumen. It adopts auto ignition diesel burner to heat and maintain the temperature. In addition, it is also used to spray binding bitumen in penetration and surfacing of asphalt pavement maintenance, as well as the surface treatment of high grade plant-mix macadam pavement. The bitumen transport tanker can be designed as self-dumping type, with tilt angle less than 17 degrees, which is convenient to discharge bitumen rapidly. The burner, with air-blasting function, has good heating effect, and is conducive to heat preservation.

特点及优势 Features and Benefits

结构先进 ADVANCED STRUCTURE

整车式结构转弯半径小;罐体断面为椭圆形，容积大、重心低、结构紧凑。
Adopting whole vehicle structure with small turning radius. The oval cross section of tank gives large volume but low center of gravity and compact size.

环保 ENVIRONMENT FRIENDLY

沥青罐设有加热系统，配进口柴油燃烧器，燃烧质量好，无污染。
The bitumen tank equips with heating system, of which the diesel burner has good burning quality without pollution.



传动可靠 RELIABLE ACTUATING SYSTEM

采用独特的导热油系统对沥青泵、阀加热保温;液压系统驱动沥青泵和导热油泵，传动可靠，操作方便。
Adopting unique thermal oil system to preserve temperature of bitumen pump and valves. Hydraulic system actuates bitumen pump and thermal oil pump with features of reliable actuation and convenient operation.

输送灵敏 SENSITIVE SENSING

多功能泵送系统，传动可靠，操作方便，可满足沥青运输中各种需要;具有液位全程显示及满位报警系统，便于罐内沥青液面高度的控制。
Multifunction pumping system is reliable and convenient, and capable to meet various needs during bitumen transportation. Equipping liquid level display and full level alarm system makes it easy to control the bitumen level.

适应性强 STRONG ADAPTABILITY

适用于各种条件作业，牵引力大，承载力强，驾驶舒服。
Available to work under various condition. Large traction, strong carrying capacity and high driving comfort.

功能齐全 MULTIPLE FUNCTIONS

可实现自流卸出、泵压卸出、泵吸装罐，高气压清洗。
Gravity-discharge, pump-discharge, self-pumping tank loading, high pressure cleaning.



技术参数 Technical Parameters

产品名称 Name	沥青运输半挂车 Bitumen Tanker Semi Trailer	外型尺寸 Shape Size	11600×2500×3750(mm)
总质量 GVW	40000(Kg)	接近/离去角 Approach/Departure Angle	-/19(°)
额定质量 Rated Load	31000(Kg)	前悬后悬 Front/Rear Overhang	-/1500(mm)
整备质量 Curb Weight	9000(Kg)	最高车速 Max. speed	(km/h)
轴数 Axles	3	前轮距 Front Tread	-
轴距 Wheelbase	6100+1310+1310	后轮距 Rear tread	1850/1850/1850(mm)
轮胎数 Tyres	12	轮胎规格 Tyres Size	11.00R20 12PR,11.00-20 12PR
轴荷 Axles Load	-/24000	弹簧片数 Leaf spring	-/8/8/8,-/99/9/-



沥青洒布车 Bitumen Sprayer Truck

沥青洒布车是一种黑色路面施工机械,是公路、城市道路、机场和港口码头建设的主要设备。在采用沥青贯入法、沥青层铺表面处治法修筑沥青路面或养护沥青或渣油路面时,沥青洒布车可用来运输与洒布液态沥青(包括热态沥青、乳化沥青和渣油)。此外,它还可以向就地松碎的土壤供给沥青结合料,用于修建沥青稳定土路面或路面基层。当修筑高等级公路沥青路面底层的透层、防水层、黏结层时,可洒布高黏度改性沥青、重交通沥青、改性乳化沥青、乳化沥青等。也可用于公路养护中的沥青罩面、喷洒,以及用于实施分层铺路工艺的县、乡级公路油路建设。

Bitumen Sprayer Truck is a kind of machinery for black pavement construction, which is widely used in construction of highway, urban road, airport and port wharf. The bitumen sprayer can be used to carry and spray liquid bitumen (including hot bitumen, emulsified bitumen, and residual oil) in building or maintenance of bitumen pavement or residual-oil pavement, when adopting bituminous penetration method or bituminous layering surface treatment method. Additionally, it also can supply bituminous binder to the loose earth in-situ for the construction of bituminous stabilized soil pavement or pavement base. It is capable to spray high viscosity modified bitumen, heavy road bitumen, modified emulsified bitumen, and emulsified bitumen, etc. in construction of prime coat, water-proof course, tack coat of high grade highway bituminous pavement. As well, it is also can be used for the bitumen mat coat and spraying in road maintenance, and in construction of county and township road adopting layered pavement process.

特点及优势 Features and Benefits

应用广泛 WIDE APPLICATION RANGE

可用于公路施工过程中的沥青粘结层洒布作业,可洒布热沥青和乳化沥青。
Used for the bitumen spraying of tack coat in pavement construction. Either hot bitumen or emulsified bitumen is workable.

运行可靠 RELIABLE MECHANISM

该车配置的液压泵、沥青泵、沥青泵驱动马达、燃烧器、温控器、控制系统等均采用进口或国内著名品牌元器件。
The hydraulic pump, bitumen pump and its driving motor, burner, temperature controller, and control system are all of domestic or international famous brand.



控制精准 PRECISE CONTROL

由电脑控制洒布全过程;可根据施工情况,选择后排管电脑控制自动喷洒方式,或手提喷管喷洒方式;随行驶速度变化自动调节喷洒量;每个喷嘴单独控制,洒布宽度任意调节;备有两套控制系统(驾驶室、后操作平台),确保沥青喷洒可靠性。

The whole process of spraying is controlled by computer. And there are two modes for option according to the construction situation, automatic spraying mode through rear injecting pipe, or manual mode through portable nozzle. The spraying amount can be automatically adjusted according to the change of traveling speed. Each nozzle is controlled separately, and the working width can be adjusted arbitrarily. Two sets of control system (equipped in cab and at rear operating platform) are provided to ensure the reliability of bitumen spraying.

保温加热稳定 STABLE HEAT PRESERVATION

整车带有自吸、转驳装置;导热油对沥青泵、喷嘴和罐体进行全方位自动控制加温。
The vehicle equips with self-priming, transfer device. Bitumen pump, nozzles and tank are heated automatically by thermal oil in all directions under system's control.

清洗方便 CONVENIENT CLEANING

管路和喷嘴采用高压空气冲洗,管道及喷嘴不易堵塞,喷洒高效方便,工作性能安全可靠。
The pipelines and nozzles are cleaned by high pressure air, and not easy to be blocked. The work is efficient and convenient, and working performance is secure and reliable.

操作便捷 CONVENIENT OPERATION

操作稳定、简便、智能化人机控制系统。
The man-machine control system is stable, intelligent and simple to operate.



技术参数

Technical Parameters

产品型号 Model	SRLS2300	SRSL7000	SRLS13000
整车质量 GVW (kg)	4495	14060	25000
整备质量 Curb Weight (kg)	3580	7695	16700
罐体容积 Tank Volume (m³)	2.3	7	13
沥青洒布量 Spraying Amount (L/m²)	0.3-3.0		
最大洒布宽度 Working Width (m)	2/3.5	6	
清洗方式 Cleaning By	高压空气清洗和柴油清洗 Pressure-air And Diesel		
喷嘴(个) Nozzles	20	39	48
控制方式 Control Mode	普通型/智能型 Standard/Intelligent		
外形尺寸 长×宽×高 Shape Size L×W×H	5.52×1.95×2.19m	8.4×2.315×3.19m	10.5×2.496×3.36m



沥青洒布机

Bitumen Sprayer Machine

沥青洒布机按运行方式可分为上装式和拖行式两种。上装式是将整套沥青洒布设施装在汽车底盘上, 沥青油箱容量大, 适用于大型路面工程和距离沥青供应基地较远的野外筑路工程。拖行式由单缸柴油机驱动油泵, 进行喷洒作业, 拖行式沥青洒布机构造简单, 适用于快速作业。

Bitumen Sprayer Machine can be divided into two types according to different operate mode, modular unit and trailer type. The former type can be placed on truck, with large volume of bitumen tank, suitable for large-scale pavement engineering and road construction that far away from bitumen supply base. And the latter type adopts single cylinder diesel engine to actuate the bitumen pump to spray bitumen. It is simple in structure and suitable for road maintenance.

特点及优势 Features and Benefits

智能控制 INTELLIGENT CONTROL

喷洒作业控制可在驾驶室完成, 操作平台、手动操作都可控制洒布量。
Spraying operation can be controlled in driver cab, and spray amount is controlled by rear operation platform or manual operation.

宽度控制 ADJUSTABLE SPRAY WIDTH

洒布宽度可自由调节, 独特的喷嘴设计, 单喷单控, 最大喷洒宽度达4米。
Spray width can be adjusted freely. Unique nozzle design with individual control for each nozzle, spray width upto 4m at max.



洒布均匀 EVEN SPRAYING

喷嘴设计进行三重喷洒, 喷洒量0.5-2KG/m²范围内都非常均匀。
Triple spray due to nozzle design makes spray even very much within range of 0.5-2KG/m².

节省物料 MATERIAL SAVING

喷洒结束后, 沥青泵和喷嘴不需要用柴油清洗, 用高压空气将管路及喷洒管内的沥青压回罐体, 再对油路及喷嘴进行吹扫。
No need to clean the bitumen pump and nozzles by diesel after work. The bitumen in pipelines and tubes flow back to tank under high pressure air, and then flush the pipelines and nozzles by air.

控制方便 CONVENIENT CONTROL

沥青泵采用变频控制, 节能同时, 适用于任何路况。
Bitumen pump is of frequency converting control, saving energy and suitable for use in any case.

多功能 MULTIPLE FUNCTION

集沥青灌缝、喷洒于一身。
Combined the functions of crack sealing and bitumen spraying.



技术参数

Technical Parameters

产品型号 Model	SRD-4000	SRD-3000
沥青加热速度 Bitumen Heating Speed	≥12°C/h	
喷洒宽度 Work Width	0-4m全尺寸内调节 0-4m Adjustable Within The Range	0-3.2m全尺寸内可调 0-3.2m Adjustable Within The Range
控制方式 Control Mode	车速、泵速闭环控制 Closed-loop Control Of Travel Speed, Pumping Speed	
沥青泵流量 Bitumen Pump Flow Rate	0-12m³/h	0-6m³/h
泵驱动方式 Pump drive mode	机械传动 mechanical drive	
罐体容积 Tank Volume	4-10m³ (可定制) 4-10m³ (customizable)	2-5m³ (可定制) 2-5m³ (customizable)
加热方式 Heating By	导热油, 燃烧器 Thermal Oil, Burner	
产品类别 Product Category	上装式 Modular Unit	拖行式 Trailer Type



石屑撒布机

Stone Chip Spreader

石屑撒布器用于沥青路面的透层、下封层、石屑封层、微表处等表面处治法，也可用于灌入法施工中的骨料；石粉、石屑、粗砂和碎石的撒布作业。该石料撒布器与沥青洒布设备配套应用于碎石封层施工中，即在沥青洒布设备洒好沥青的基础上均匀的撒布一层洁净干燥的碎石。

Stone Chip Spreader is widely used in the bituminous macadam surface treatment of prime coat, lower seal coat, chip seal and micro surfacing, etc., and also in aggregate spreading in penetration construction. It is capable to spread stone powder, chip, coarse sand and gravel, and applicated in chip seal construction accompany with bitumen sprayer, by spreading one layer of clean and dry stone chip evenly on the basis of bitumen sprayed already.

特点及优势 Features and Benefits

操作简单

SIMPLE OPERATION

操作简单，石料撒布均匀。
Simple to operate with even spreading of stone chip.

成本低

LOW COST

拆装方便，易损件少，而且方便维修。
Easy to install and remove, with less wearing parts, and convenient to maintain.



集成度高

HIGH INTEGRATION

车挂式设备集机械，电，气于一体的机械，由10或16个材质门组成，可全开或单开关。
Vehicle mounted Integrates mechanical, electrics and pneumatic system, with 10 or 16 feed doors, which can open and close simultaneously or individually.

连续性好

GOOD CONTINUITY

与车同步，撒布均匀，连续性能强，该机可以配合数台自卸车使用。
Synchronized with the tipper truck, it has even spread and good continuity, capable of matching with different tipper trucks to work continuously.

撒布均匀

EVEN SPREAD

不卡料，该机装有筛子，可以把大料筛出，可以达到均匀的撒布效果。
No stone chip stuck. Oversize aggregate would be screened out to ensure even spread.

施工方便

CONVENIENT CONSTRUCTION

轮毂式不占车，施工时通过压盘“抱”住自卸车后驱动轮轮毂，拆卸只需几分钟。
Hub type not occupy the tipper truck. Just cling the followers to the hub of rear wheels of tipper truck when work and it only takes few minutes to remove.



技术参数

Technical Parameters

产品型号 Model	SR-3100	SR-3000
产品类别 Product Category	车挂式 Modular Unit	轮毂式 Trailer Type
碎石粒径 Chip Size	3-35mm	3-60mm
撒布宽度 Spread Width	2300-3100mm	500-3000mm
撒布量 Spread Amount	0.5-50m³/km²	机械传动 0.5-22m³/km²
撒布速度 Work Efficiency	8-18km/h	50-80m/min
撒布密度 Spread Density	可调 Adjustable	
电机 Motor	500W DC	
撒布器悬出部分 Spreader Overhang	580mm	
外形尺寸 Shape Size(m)	2×2.4×1.2	3.6×1.9×1.4



Road Maintenance Equipment Series

道/路/养/护/设/备



稀浆封层车

Micro-Surfacing Paver / Slurry Seal Truck

稀浆封层车是河南国基重工结合多年工程施工和设备生产实践,结合市场客户需求与反馈,研制开发了全新一代稀浆封层车,可用于下封层、微表处、纤维微表处施工作业工艺中,主要用来处理道路表面的摩阻力下降、裂缝、车辙等病害,以提高路面的抗滑性和防水性,改善路面平整度和行车舒适性。

Micro-Surfacing Paver (Slurry Seal Truck) is a new generation product developed by Sinoroad in accordance with market demand and customer feedback, on the basis of engineering and construction experience, and equipment manufacture practice for many years. It can be used in process of lower seal coat, micro-surfacing, fiber micro-surfacing construction, mainly to treat the pavement diseases of friction resistance reduction, cracks and rut, etc., and enhance skid resistance and water repellency of pavement, to improve the road surface evenness and riding comfort.

特点及优势 Features and Benefits

集中控制 CENTRALIZED CONTROL

整机集中控制,显示、预警功能齐全,人性化设计,操作方便。
Adopting centralized control system, with display and early warning. Humanized design and convenient operation.

车速恒定 CONSTANT TRAVELING SPEED

底盘配制油门定速装置,施工车速恒定,有效降低驾驶人员的控制强度,保障施工质量。
Equipped with speed locking device on accelerator to maintain constant traveling speed, which reduces the difficulty of driver's control, and ensures high construction quality.



大功率发动机 POWERFUL ENGINE

采用大功率发动机,动力强劲,可轻松处理改性沥青的高粘度、准破乳态的摊铺施工。
Utilization of high power engine makes it easy to handle high viscosity modified bitumen, and paving of quasi-demulsification state slurry.

采用国际知名品牌 INTERNATIONAL FAMOUS BRAND COMPONENTS

关键元器件均采用国际知名品牌产品,保证了整机的可靠性与稳定性。
All of key components are of international famous brand to prompt reliability and stability of whole equipment.

粉料储存装置全面升级 FILLER STORAGE DEVICE FULLY UPGRADE

输送精确不堆积,全新比例控制,保障骨料、沥青、粉料的稳定配合比。
Accurate conveying with no accumulation, and fully new proportion control system, ensure the stable mix proportion of aggregate, bitumen and filler.

全面升级的摊铺装置 PAVING DEVICE FULLY UPGRADE

螺旋桨叶采用10mm加厚耐磨材质,延长设备的使用寿命,同时摊铺箱吊装运输可以快速拆卸,更具人性化。
The screw blade is made of 10mm thick wear-resistant material, which prolongs the service life of equipment. At the same time, the paving box can be quickly disassembled, hoisted and transported, which is more user-friendly.



技术参数

Technical Parameters

产品型号 Model	SRXF0635	SRXF1035	SRXF1135	SRXF1635 (Fiber type)	SRXF1935 (Fiber type)
辅机功率 Auxiliary Engine Power	70kw/2200rpm	73kw/2400rpm	75kw/2200rpm	110 kw/2300rpm	110 kw/2300rpm
集料仓容积 Aggregate Bin Volume	3-6m³	10m³	12m³	13-16m³	19-22m³
乳化罐容积 Emulsion Tank Volume	1.2m³	3.5m³	4m³	4m³	5m³
水箱容积 Water Tank Volume	1.2m³	3.5m³	4m³	4m³	5m³
填料仓容积 Stuffing Box Volume	1×0.5m³	2×0.5m³			2×1m³
添加剂罐容积 Additive Tank Volume	—			400L	
纤维切割长度 Fiber Cut Length	—			0.1%~0.25%	
纤维含量 Recommended Fiber Content	—			12mm, 24mm	
车长尺寸 Dimensions	7.65*2.3*3.08m	10.5*2.5*3.5m	11.67*2.52*3.57m	12*2.55*3.57m	12*2.55*3.57m



同步碎石封层车

Synchronous Chip Sealer

同步碎石封层技术具有极强的防水性,极高的抗滑性,并且具有处理路面裂缝的良好性能,在无骨料流失的情况下,可确保7-10年的道路养护性能。同时也可以选择带有纤维封层的设备,该设备在洒(撒)布沥青结合料、玻璃纤维时,并在上面撒布碎石经碾压后形成新的磨耗层或者应力吸收中间层的一种新型道路建设施工和养护技术。其封层结构为1层沥青+1层纤维+1层沥青+1层碎石连续施工工艺形成的一层物料相互作用的致密网格缠绕结构。

Synchronous chip sealing technology has excellent water repellency and skid resistance, as well as good performance of pavement crack treatment. In the case of no aggregate loss, it can ensure the road maintenance performance about 7-10 years. Meanwhile, it is also capable to choose synchronous chip sealer with fibre seal coat device, which sprays bitumen binder, glass fibre, and spreads gravel on them. After rolling compaction, they will form new wearing coat or stress absorbing intermediate layer. This processing is a kind of new technology of road construction and maintenance, by which the sealing structure is a densified mesh tangled structure of interaction materials developed by continuous construction processing, and consists of first bitumen layer, second fibre layer, third bitumen layer and fourth gravel layer.

特点及优势 Features and Benefits

设计精良 EXCELLENT DESIGN

底盘选专用底盘,承载能力强、油耗低、操作稳定轻便,配置六缸194kW (264马力) 的发动机,使主车动力更加强劲。Adopting special chassis, with strong carrying capacity, low oil consumption, stable and convenient operation.

零件大品牌 FAMOUS BRAND COMPONENTS

沥青泵采用国内驰名品牌,该泵自吸性能好,转速范围大、密封性能好、流量平稳。Bitumen pump is of domestic famous brand, with splendid self-priming performance, wide speed range, good sealing property and steady flow rate.



耐用稳定 DURABILITY & STABILITY

沥青罐内壁采用不锈钢磨砂板包装,防腐耐用,罐体保温效果好,温降≤12℃/8h (常温条件下);罐体配置1个进口柴油燃烧器,燃烧效率高、配合搅拌叶片使之加热速度快,自动点火和自动温控系统,运行安全稳定。Bitumen tank ectexine is covered with dull polished stainless steel plate, with good corrosion resistance and durability, as well as good heat preservation with temperature drop ≤12℃/8h at room temperature. It equips with one imported diesel burner with high combustion efficiency, making heating rate higher together with the mixing blades. In addition, it also equips with automatic ignition and temperature control system, bringing secure and stable operation.

控制精确 PRECISE CONTROL

沥青洒布采用高精度喷嘴,使每个喷嘴喷洒一致性,喷洒效果得到充分保证,能够实现零起步喷洒。

Adopting high precision injecting nozzles, which make each nozzle have consistency of spraying, so that spraying effect is ensured sufficiently, and it can start spraying before vehicle traveling.

作业多样调控 MULTIPLE CONTROL

石料撒布和沥青洒布分别通过多组气缸控制撒(洒)布宽度,各气缸可独立控制自由调节。Gravel spreading and bitumen spraying are controlled separately through multiple units of pneumatic cylinders, and each cylinder can be controlled independently and adjusted freely.

操作便捷 CONVENIENT OPERATION

操作系统配备手、自动两套系统,确保设备能够随时处于工作状态。采用车载式专用控制器实现自动控制,通过传感器精准测量车速及泵速,从而精确控制施工过程中的洒布量。驾驶室内配备施工实施监控装置及自动操作面板。

Equipping with manual and automatic operating system to ensure the equipment can work whenever needed. The automatic control is realized by vehicular special controller. Vehicle traveling speed and pump speed are accurately measured by sensors, so as to control the distributing amount in construction precisely. Driver cab equips with construction monitoring device and automatic control console.

技术参数

Technical Parameters

产品型号 Model	HTN5180TFC	HTN5318TFCA	HTN5317TFC
罐体容积 Tank Volume	5m³	8m³	
料斗容积 Hopper Volume	10m³	12m³	
纤维剪切长度 Fibre Sheared Length	/	/	3/6/12mm
喷洒介质 Spray Medium	基质沥青、改性沥青、乳化沥青 Matrix Bitumen, Modified Bitumen, Emulsified Bitumen		
沥青洒布量 Spray Amount	0.2-3kg/m²	0.2-3kg/m²	
石料撒布粒径 Gravel Size	3-25mm		
撒(洒)布宽度 Working Width	3800mm	4200mm	
设备加热方式 Heating By	自动控温型燃烧器, 导热油 Automatic Temperature Control Type Burner, Thermal Oil		
外形尺寸 长×宽×高 Shape Size L×W×H	8.16×2.55×3.55m	10.89×2.5×3.92m	12.15×2.53×3.96m

